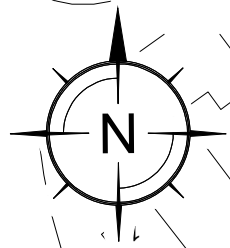
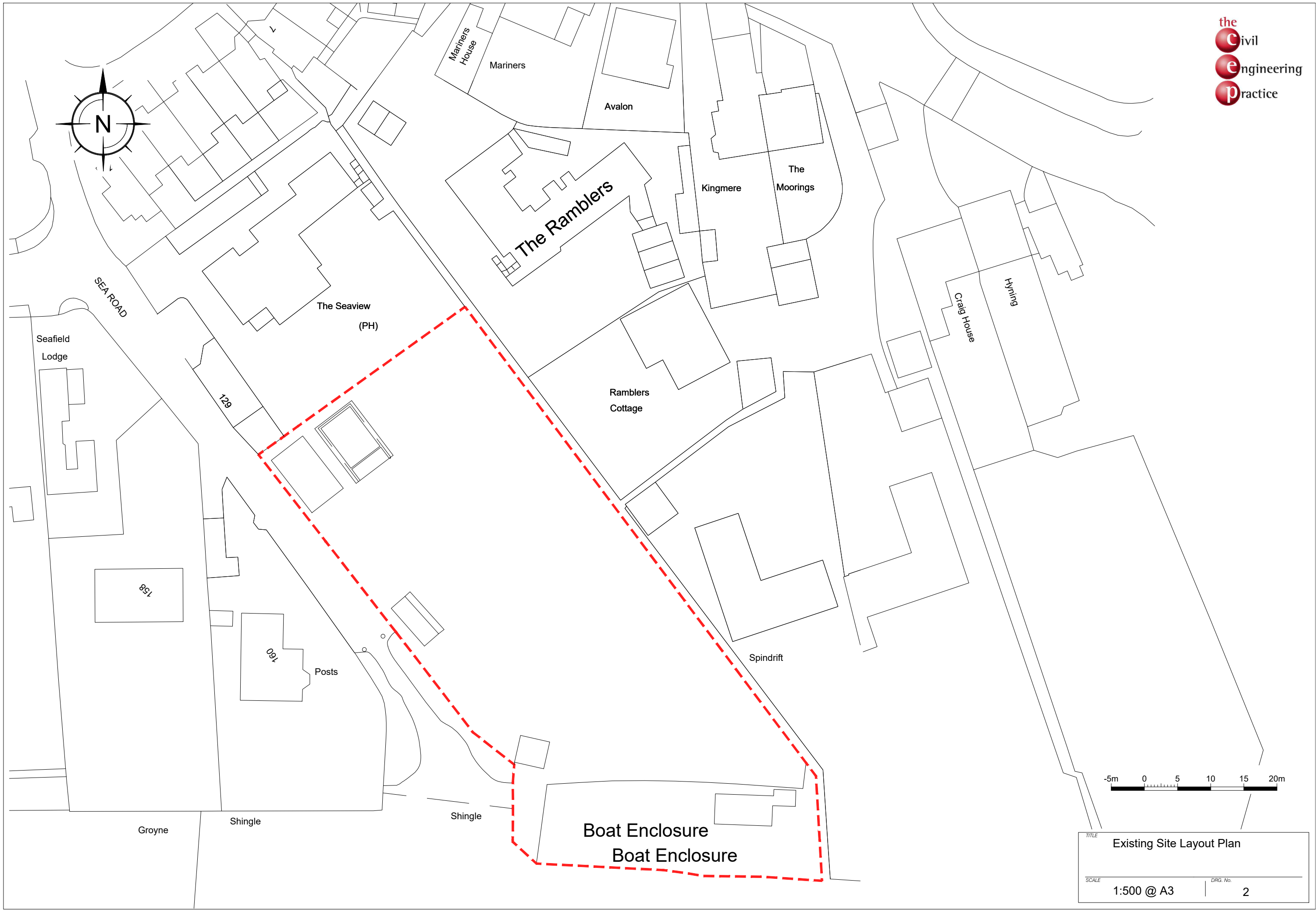


Appendix 2

Existing Site Layout Plan



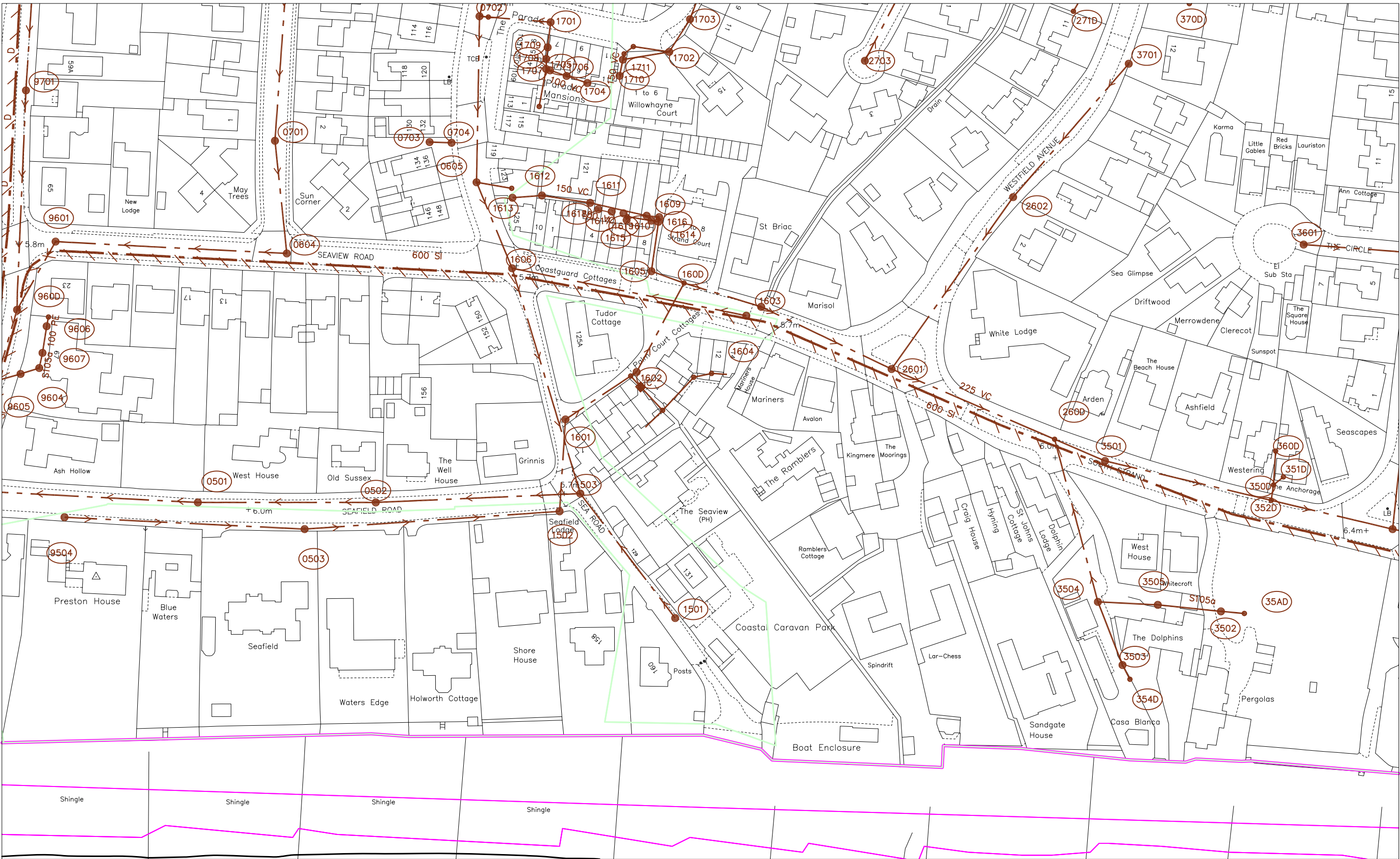
TITLE Existing Site Layout Plan	
SCALE 1:500 @ A3	DRG. No. 2

Appendix 3

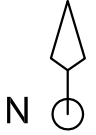
Sewer Records

SEWER RECORDS PAGE 1 OF 2

101751



101463

506935	O.S. REF. TQ0701NW	Drawn by: gujskew	<div>The positions of pipes shown on this plan are believed to be correct, but Southern Water Services Ltd accept no responsibility in the event of inaccuracy. The actual positions should be determined on site. <small>WARNING: BAC pipes are constructed of Bonded Asbestos Cement</small> <small>WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement</small></div> <div>Based upon Ordnance Survey Digital Data with the permission of the controller of H.M.S.O. Crown Copyright Reserved Licence No. WU 298530.</div>	<div> N</div> <div></div>
	Title: 295136_Sea Road Preston	Scale: 1:1250		
		Date: 30/05/2018		

507406

SEWER RECORDS PAGE 2 OF 2

Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape
0501X	6.07	2.02	175	VC	CIRC	4501X	6.37	3.75	225	VC	CIRC												
0502X	6.03	2.33	200	VC	CIRC	9504X	6.04	5.29	225	VC	CIRC												
0503X	6.14	5.25	225	VC	CIRC	9601X	5.85	2.85	150	VC	CIRC												
0604X	6.16	3.59	150	VC	CIRC	9602X	5.79	1.89	225	VC	CIRC												
0605X	6.07	3.22	175	VC	CIRC	9604X			100	PE	CIRC												
0701X	6.29	4.09	150	VC	CIRC	9605X			100	PE	CIRC												
0702X	6.55	3.56	200	VC	CIRC	9606X			100	PE	CIRC												
0703X			UNK	UNK	UNK	9607X			100	PE	CIRC												
1501X	5.29	3.31	175	VC	CIRC	960DX			100	PE	CIRC												
1502X	5.87	4.92	225	VC	CIRC	9701X	5.92	2.22	225	VC	CIRC												
1503X	5.69	2.71	225	VC	CIRC																		
1601X	5.72	4.9	225	VC	CIRC																		
1602X	5.86	4.84	225	VC	CIRC																		
1603X	5.98	4.74	225	VC	CIRC																		
1604X	6.05	3.6	150	VC	CIRC																		
1605X	6.07	4.92	225	VC	CIRC																		
1606X	5.76	3.01	175	VC	CIRC																		
1608X			UNK	UNK	CIRC																		
1609X			UNK	UNK	CIRC																		
160DX	6.06	4.8	225	VC	CIRC																		
160FX			225	VC	CIRC																		
1610X			150	VC	CIRC																		
1611X			150	VC	CIRC																		
1612X			150	VC	CIRC																		
1613X			UNK	UNK	UNK																		
1615X			UNK	UNK	UNK																		
1616X			150	VC	CIRC																		
161BX			UNK	UNK	CIRC																		
162BX			UNK	UNK	CIRC																		
163BX			UNK	UNK	CIRC																		
164BX			UNK	UNK	UNK																		
164DX			UNK	UNK	UNK																		
1701X	6.39	5.04	150	VC	CIRC																		
1702X	6.48	5.86	150	VC	CIRC																		
1703X	6.48	5.75	150	VC	CIRC																		
1704X			100	VC	CIRC																		
1705X			100	VC	CIRC																		
1706X			100	VC	CIRC																		
1707X			150	VC	CIRC																		
1708X			150	VC	CIRC																		
1709X			UNK	UNK	CIRC																		
170BX			150	VC	CIRC																		
1710X			150	VC	CIRC																		
1711X			UNK	UNK	UNK	*																	
1711Y			UNK	UNK	UNK	*																	
172DX			UNK	UNK	UNK																		
173DX			UNK	UNK	UNK																		
2601X	6.08		225	VC	CIRC																		
2602X	5.82	4.82	225	VC	CIRC																		
260DX			225	VC	CIRC																		
2703X	6.61	5.79	150	VC	CIRC																		
271DX			UNK	UNK	CIRC																		
3501X	6.23	4.1	225	VC	CIRC																		
3502X			UNK	UNK	CIRC																		
3503X			UNK	UNK	CIRC																		
3504X			UNK	UNK	CIRC																		
3505X			UNK	UNK	CIRC																		
350DX			UNK	UNK	CIRC																		
351DX			UNK	UNK	CIRC																		
352DX			225	VC	CIRC																		
354DX			UNK	UNK	CIRC																		
35ADX			UNK	UNK	CIRC																		
3601X	6.72	4.29	225	VC	CIRC																		
360DX			UNK	UNK	CIRC																		
3701X	6.48	5.23	150	VC	CIRC																		

LINE STYLES / COLOURS	
Brown	Foul
Dark Blue	Foul Syphon Sewer
Purple	Foul Vacuum Main
Orange	Foul Rising Main
Light Blue	Combined
Yellow	Combined Syphon Sewer
Green	Combined Rising Main
	Lateral Drain
	Building Over Agreement Area
	Treated Effluent
	Sludge
	Sewer Catchment
	Section 104 Area
	Surface Water
	Surface Water Rising Main
	Private
	Verified Clay
	Access Shaft
	Decommissioned

MATERIALS	
AK	Alkathene
BAC	Bonded Asbestos Cement
BRC	Brick (Common)
BRE	Brick (Engineering)
CC	Concrete Box Culvert
CI	Cast Iron
CO	Concrete (In-Situ)
CP	Concrete (Pre-Cast)
CSB	Concrete Segments (bolted)
CSU	Concrete Segments (unbolted)
DI	Ductile Iron
GRC	Glass Reinforced Concrete
GRP	Glass Reinforced Plastic
MAC	Masonry in regular Courses
MAR	Masonry in random Courses
PE	Polyethylene
PF	Pitch Fibre
PP	Polypropylene
PVC	Polyvinyl Chloride
RPM	Reinforced Plastic Matrix
SI	Spun Iron
ST	Steel
VC	Verified Clay
XXX	Other
ZZZ	Unknown

Manhole (SW)	Manhole (F&C)	Lamp hole (SW)	Lamp hole (F&C)	Pumping Station (SW)	Pumping Station (F&C)	Side entry manhole (SW)	Side entry manhole (F&C)	Blind shaft (SW)	Blind shaft (F&C)	Ejector station (SW)	Ejector station (F&C)	Waterlight door (SW)	Waterlight door (F&C)	Flushing ch. Min-e (SW)	Flushing ch. Min-e (F&C)	Flushing ch. No-e (SW)	Flushing ch. No-e (F&C)	Demarcation Chamber
--------------	---------------	----------------	-----------------	----------------------	-----------------------	-------------------------	--------------------------	------------------	-------------------	----------------------	-----------------------	----------------------	-----------------------	-------------------------	--------------------------	------------------------	-------------------------	---------------------

Washout (SW)	Washout (F&C)	Rodding Eye (SW)	Rodding Eye (F&C)	Gauging point (SW)	Gauging point (F&C)	Intercept chamber (SW)	Intercept chamber (F&C)	Storm Tank (SW)	Storm Tank (F&C)	Vortex chamber (SW)	Vortex chamber (F&C)	Label ellipse	Dummy/S24 manhole	Outfall	Penstock chamber	Damboards	Storm Overflow	Backdrop manhole
--------------	---------------	------------------	-------------------	--------------------	---------------------	------------------------	-------------------------	-----------------	------------------	---------------------	----------------------	---------------	-------------------	---------	------------------	-----------	----------------	------------------

Other (s)	Other	Change in sewer (s)	Reflex valve	Flap valve	Cascade	Anode	Valve	Closed Valve	Air Valve	Hatch box (SW)	Hatch box (F&C)	Direction arrow	Emptying valve	Catchpit	Soakaway	Inlet	Balancing Pond
-----------	-------	---------------------	--------------	------------	---------	-------	-------	--------------	-----------	----------------	-----------------	-----------------	----------------	----------	----------	-------	----------------

	Wastewater treatment works
	Marine treatment works
	Outfall headworks
	Vent
	Vent column
	Tidal storage tank
	Blank end
	Head of Public Sewer
	Micro Pumping Station

SHAPES (S)

A	Arched	R	Rectangular
B	Barrel	S	Square
C	Circular	T	Trapezoid
E	Egg	U	U Shape
H	Horseshoe	X	Other

NODE REFERENCING SYSTEM

1st digit: hundred metre easement identifier

2nd digit: hundred metre northing identifier

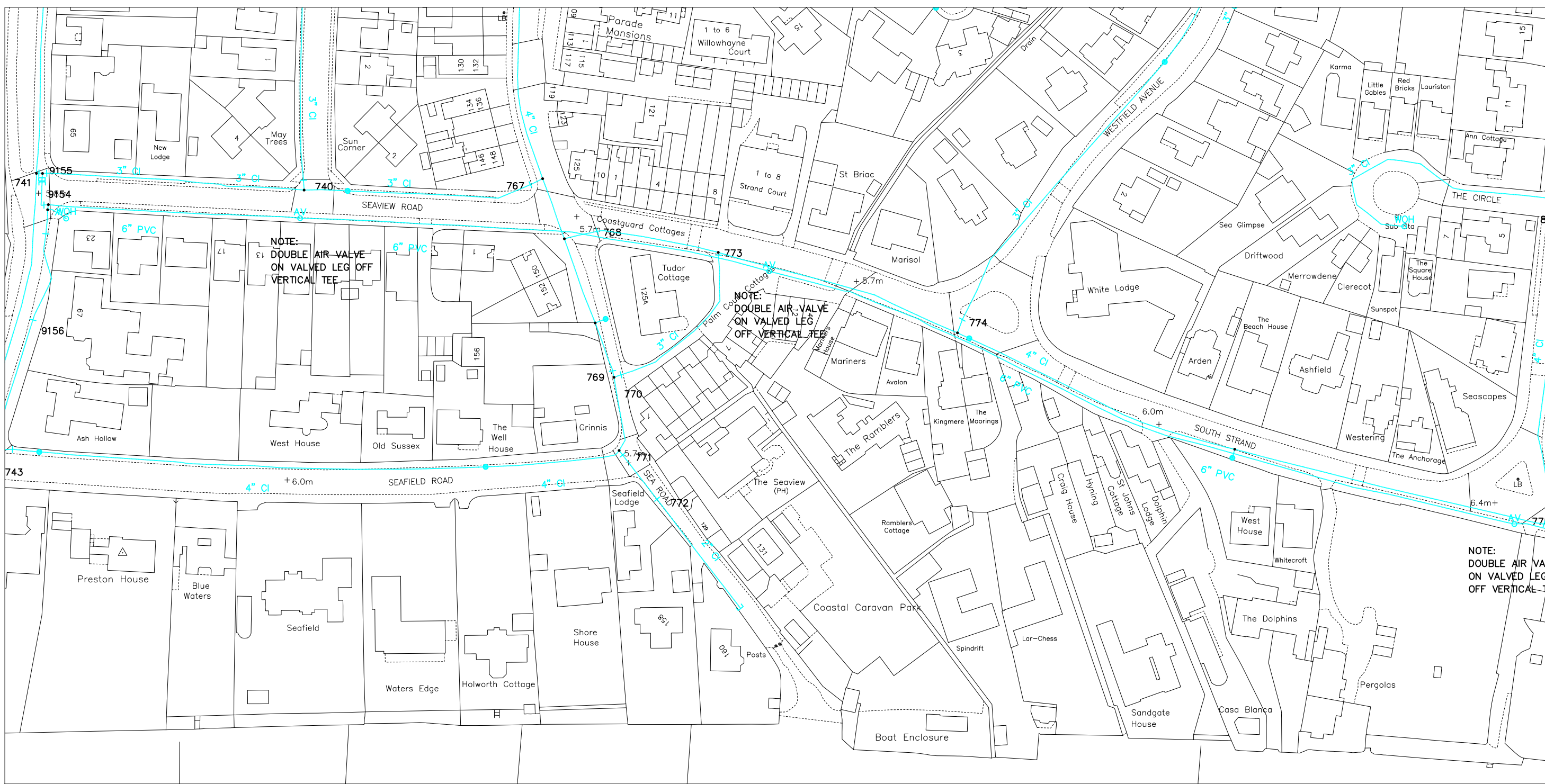
3rd digit: sewer type identifier
0=4 Foot Combined
5=9 Surface Water

4th digit: next sequential node

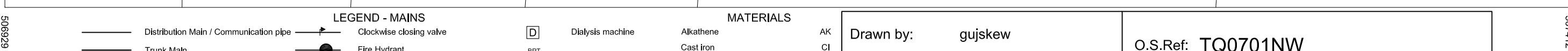
NODE REFERENCING SYSTEM	
1st digit:	hundred metre easting identifier
2nd digit:	hundred metre northing identifier
3rd digit:	sewer type identifier
4th digit:	next sequential node

Drawn by:	gujskew	
Title:	295136_Sea Road Preston	
Date:	30/05/2018	

101728



101486



WARNING: BAC pipes are constructed of Bonded Asbestos Cement

WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement

<p>Drawn by: gujskew</p> <p>Scale: 1:1250</p> <p>Date: 30/05/2018</p>	<p>O.S.Ref: TQ0701NW</p> <p>TITLE: 295136_Sea Road Preston</p>
<p>The positions of pipes shown on this plan are believed to be correct, but Southern Water Services Ltd. accept no responsibility in the event of inaccuracy. The actual positions of pipes should be determined on site.</p>	
<p>Based upon Ordnance Survey Digital Data with the permission of the controller of H.M.S.O. Crown Copyright Reserved Licence No. WU 298530.</p>	

507412

Appendix 4

BGS Geological Borehole Data

Geology of Britain viewer

[Try the Beta version of our 3D Geology of Britain viewer](#)

[More BGS map viewers](#)

-  Surface Geology
-  3D Models
-  **Borehole Scans**
-  Earthquake Timeline

Borehole Scans

Click on a borehole to view scan.

Borehole depth

-  0 - 10m
-  10 - 30m
-  30m+
-  Unknown
-  Confidential or Restricted

[More on boreholes](#)



[Go to Location](#)

[Switch Basemap](#)

100%0%

Geology Transparency

Grid Ref: 507794, 101699



WELL BORING at *Angmering on sea*
Geol. map 1 in map New Series
Made by
Sunk feet. Bored feet.
Communicated by
Height above Ordnance Datum
Yield
Quality (with copy of analysis on separate sheet)

TQ 00 SE 146
County *Sussex*
6 in. map
Date *3000*

Rest level of water

24

Published in

TQ 073 016

GEOLOGICAL FORMATION.

NATURE OF STRATA.

of Sussex.

page 46 vol 18

Drift { *Clay* } *Brighthelm*
Upper Chalk. { *Sand and gravel* } *Brighthelm Beach*
Chalk and flint. { }
R.L. Wgt 130
8.11.82

R.L.W. 11 ft down. Yield 2214 g. p. hour tested.

Lined 8 in. tubes to 43 ft.

Information from Messrs Duke and Ockenden Ltd.

South Strand Waterworks
Angmering-on-Sea—Map N.S.G. 332.

18. SOUTH STRAND WATERWORKS, $\frac{1}{2}$ mile S.E. of Angmering railway station. Ht. above O.D. about 20 ft. Map c + 6.09 63 S.E.

	Thickness Ft.	Depth Ft.
Drift { Clay ...	6	6
{ Sand and gravel ...	14	20
{ Upper Chalk Chalk and flint ...	130	150

R.L.W. 11 ft. down. Yield, 2,214 g. p. hour tested. Lined 8 in. tubes to 43 ft. Information from Messrs. Duke and Ockenden, Ltd.

75NEE
No trace. ? 1941.

DATA Bank

TQ073 016 TQ00/160

332/24 South Strand Waterworks, Angmering-on-Sea. (Disused)

W.S.Sx. III, p. 46. Surface +c.20. Lining tubes: 43 x 8 in from surface.
R.W.L. +c.9. Yield 2,214 g.p.h. (test). Dando, 1925.

Drift	...	...	...	20	20
UCK)					
?MCK)	...	...	...	130	150

Drift { clay 6 6
 { Sand & gravel 14 20
ven {
M.ck. } Chalk & flint 130 150



Norwest Holst Soil Engineering Ltd.

Borehole No.

2

Contract No. F5316

BOREHOLE LOG

Sheet 1 of 1

Location Sea Lane

Client Arun District Council

Method of Boring Percussion
Diameter of Borehole 150 mm

Chainage

Ground Level m.A.O.D.

Date 17/8/82

TQ 00 SE 63

Description of Strata	Legend	Depth Below G.L. (m)	O.D. Level (m)	Casing Depth at Sampling	Sampling and Coring	"N"/R.O.D.%	Daily Progress
MADE GROUND: Dark brown sandy CLAY.		1.30					
Firm brown sandy CLAY.		2.20					
Soft to firm pale brown silty CLAY with chalk and flint gravel.		4.00					

Type of Sample

- ☒ S.P.T. ☐ Undisturbed
☒ C.P.T. ☒ Vane
☐ Jar ☐ Water
☒ Bulk ☒ Piezometer

Remarks (Observations of Ground Water etc.)

Borehole dry.

Water levels are subject to seasonal or tidal variations and should not be taken as constant

332
RECORD OF WELL (SHAFT OR BORE)

1" N.S. 332

1" O.S.

Grid

At S.W. Sussex Tennis Club. TQ001103Town or Village Angmering-on-Sea County Sussex Six-inch qExact site marked on tracing in file 6417

in parish of

A sketch-map
or a tracing from a
map is very desirable)

Level of ground surface above sea-level (O.D.) _____ ft. If well starts below ground surface, state how far _____ ft.

Shaft _____ ft., diameter _____ ft. Bore _____ ft. Diameter of bore: at top _____ ins.; at bottom 4 1/2 ins.Details of permanent lining tubes (internal diameters preferred) 33 x 4 1/2 in.A. TQ 0742 0191

Water struck at depths of (feet) _____

Rest-level of water below top of well 7 feet. Suction at _____ feet. Yield on _____ hours' test720 gallons per hour (with pump of capacity _____ g.p.h.); depressing water level to _____ feet

below top. Time of recovery _____ hrs. Amount normally pumped daily _____ g.p.h. for _____ hours.

Quality (attach copy of analysis if available) _____

Sunk by Duke & Beckenden Ltd. for Mr. _____Date of well 1936Information from Duke & Beckenden Ltd.(For Survey use only).
GEOLOGICAL
CLASSIFICATION.NATURE OF STRATA
(and any additional remarks).

THICKNESS

DEPTH

Feet.

Inches.

Feet.

Inches.

U. } ck.
?M. }Drift (Brickearth 20)
Chalk20

-

2055

.

75OD 20 DimmedVisited & sited 18/10/41Visited Owner Mr. Bacanillo.
now - LimoreHowlands AvenueBBore as sited not to be found
Well (b) in grounds sited on 63 SE/W.
R.W.L. 6" 1" below surface.
OD +20.TQ 0738 019518-10-57 RSRDATA Bank

For Survey use only

Date
receivedG.S.M. Office
File No.Site marked
on 1" map
(use symbol)5/7/4164170